

SUPPLEMENTAL AGREEMENT NO. 2

THIS SUPPLEMENTAL AGREEMENT, made and entered into this _____ day of January, 2015, by and between the REDEVELOPMENT COMMISSION for the CITY OF WEST LAFAYETTE, INDIANA, 609 West Navajo Street, West Lafayette, Indiana 47906, hereinafter called the **OWNER** and BUTLER, FAIRMAN and SEUFERT, INC., 8450 Westfield Boulevard, Suite 300, Indianapolis, Indiana 46240, hereinafter called the **ENGINEER**.

WITNESSETH

WHEREAS, on January 22nd, 2014, the **OWNER** entered into an Agreement with the **ENGINEER** for services required for development of Contract Documents for the construction of **Northwestern Avenue Corridor Improvements Phase 3** (hereinafter referred to as the "Original Agreement").

WHEREAS, it has been determined by the **OWNER** and the **ENGINEER** through the Conceptual Design Phase that the following amendments and additions to services in the Original Agreement are required in order to complete the project:

A. SCOPE OF WORK:

1. Northwestern Avenue Pedestrian Safety Study Extension

- a. Perform an extension to the Northwestern Pedestrian Safety Study (July 2011) by expanding the study area to include the following:
 - i. Midblock along Northwestern Avenue between Wiggins Street and North Street
 - ii. Intersection of Northwestern Avenue and North Street
- b. The scope of the extension includes the following :
 - i. Collect 12-hour pedestrian crossing volumes and vehicle turning movement traffic volumes for the study area.
 - ii. Perform site visits to observe existing traffic operations.
 - iii. Analyze the crash history data for the study area.
 - iv. Forecast the future pedestrian and vehicle traffic volumes due to the nearby apartments at Northwestern Avenue and North Street.
 - v. Analyze the extension study area with respect to installation warrants and guidelines for traffic control and other pedestrian safety enhancing devices such as traffic signals, pedestrian hybrid beacons, all-way stop signs, RRFB's and traffic calming.
 - vi. Perform traffic capacity analysis and modeling using Synchro / SimTraffic.
 - vii. Prepare a report summarizing the results of the extension.
 - viii. Attend up to three (3) meetings with the City to obtain information and present findings.

2. Design Phase and Plan Development Services

- a. Prepare Project Bid Documents for the Northwestern Avenue Phase 4 - Safety Improvements Project, which consists of selective improvements including curb and gutter, pavement repair, median reconstruction, curb ramp replacements, decorative fence installation, decorative lighting, pavement markings, and traffic signal modifications at various locations, including:
 - i. Northwestern Avenue and Cherry Lane intersection improvements and traffic signal modernization
 - ii. Northwestern Avenue mid-block pedestrian cross walk near Northridge Drive intersection
 - iii. Northwestern Avenue and Grant Street intersection improvements and traffic signal modernization
 - iv. Northwestern Avenue roadway improvements from Grant Street to North Street
 - v. Grant Street roadway improvements from Northwestern Avenue to north of Central Drive
 - vi. Vine Street roadway improvements from Wiggins Street to North Street
- b. Roadway Lighting within the following segment:
 - i. Grant Street to North Street
- c. Underground conduit for fiber optic communication cable and utility relocations at the following segments:
 - i. Northwestern Avenue from Lindberg Road to North Street
 - ii. Stadium Avenue from Northwestern Avenue to Russell Street
- d. Prepare and submit Temporary Erosion and Sediment Control Plans and Rule 5 application for permit.
- e. Solicit quotes from suppliers for Owner furnished materials for traffic signal poles, decorative railing, roadway light poles and luminaires to be provided for installation in the Project Bid Package.
 - i. Provide Contractor shop drawing review for Owner furnished materials.
- f. Conduct project walk through inspection with Owner prior to preliminary engineering design.
- g. Conduct preliminary field check meeting to review and coordinate project plans with stakeholders and utilities.
- h. Coordinate with identified stakeholders from the City of West Lafayette and Purdue University for conceptual design of proposed improvements and final construction documents review.
 - i. Attend up to four (4) meetings with stakeholders

- i. Prepare Preliminary and Final Plan submittal documents, anticipated to include the following:
 - i. Project plan sheets:
 - 1. Title and index
 - 2. Survey Control
 - 3. Typical Cross Sections
 - 4. Maintenance of Traffic
 - 5. Construction Details
 - 6. Miscellaneous Details
 - 7. Traffic Signal Plans at Two Intersections
 - 8. Lighting Plans and Details
 - 9. Underground Conduit and Fiber Optic Plans and Details
 - 10. Pavement Marking and Signage
 - 11. Miscellaneous Tables
 - ii. Develop Project Manual using EJCDC standard documents including:
 - 1. Instructions to Bidders
 - 2. Bid Package with up to three Alternate Bid Items
 - 3. Award Package
 - 4. General Conditions
 - 5. Technical Specifications
 - iii. Prepare one (1) engineer's cost estimate.

3. Utility Coordination Services

- a. Provide utility coordination services including:
 - i. Send plans to utility companies for verification of facilities.
 - ii. Send invitation to attend preliminary field check to utility companies.
 - iii. Provide preliminary final plans and request utility relocation plans.
 - iv. Conduct individual utility coordination meetings.
 - v. Review and approve utility relocation plans.
 - vi. Coordinate with utility companies to facilitate and encourage relocation of overhead utilities to underground within the corridor.

4. Bidding Assistance

- a. Prepare bid advertisement.
- b. Prepare plan sets for sale and bid.

- c. Conduct a pre-bid meeting for bid plan holders.
- d. Answer bidders questions and issue addenda as required.
- e. Attend Bid Opening.
- f. Review submitted bids.
- g. Complete Bid Tabulation summarizing bid results.
- h. Prepare Engineer's recommendation letter.

Exclusions

The followings services are not included in the scope of the project, but can be furnished by the Engineer as Additional Services if requested by the Owner:

- a. Geotechnical services
- b. Landscape, site amenities and irrigation design services
- c. Hydraulic design of storm sewer trunkline and plans (relocations of existing inlets for curb and gutter location changes are included)
- d. Renderings

NOW, THEREFORE, the parties agree that the Original Agreement be further modified by this Supplemental Agreement No. 2; therefore, the compensation for these services shall increase the total not to exceed compensation by \$189,700.00 from \$475,200.00 to an amount not-to-exceed \$664,900.00. A summary of fees is noted as follows:

Northwestern Avenue Corridor Improvements Phase 3

<u>Scope of Work</u>	<u>Original Agreement</u>	<u>Supplemental No. 1</u>	<u>Supplemental No. 2</u>	<u>Total</u>
Preliminary Survey and Field Data Collection	\$48,200.00			\$48,200.00
Corridor Master Plan	\$42,000.00	(\$-21,000.00)		\$21,000.00
Corridor Conceptual Design	\$34,000.00			\$34,000.00
Corridor Survey and Field Data Collection – Phases 3 & 4 (See Exhibit A)		\$133,800.00		\$133,800.00
Traffic Signal Warrant Reports		\$2,200.00		\$2,200.00
Traffic Signal Timing Plans (*)		\$15,000.00		\$15,000.00
Design Phase and Plan Development Services		\$84,400.00		\$84,400.00
Bidding Assistance		\$6,500.00		\$6,500.00
Construction Inspection (*)		\$130,100.00	(\$22,700)	\$107,400.00
Northwestern Ave Pedestrian Safety Study Extension			\$25,000.00	\$25,000.00
Design Phase and Plan Development Services – Phase 4			\$168,500.00	\$168,500.00
Utility Coordination Services			\$12,400.00	\$12,400.00
Bid Assistance – Phase 4			\$6,500.00	\$6,500.00
TOTAL	\$124,200.00	\$351,000.00	\$189,700.00	\$664,900.00

C. SCHEDULE:

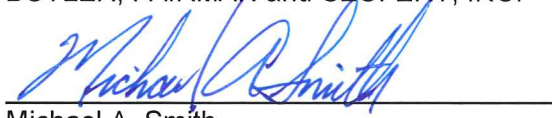
December 23, 2014

March 23, 2015

IN TESTIMONY WHEREOF, the parties hereto have executed this Supplemental Agreement No. 2.

ENGINEER:

BUTLER, FAIRMAN and SEUFERT, INC.



Michael A. Smith
Executive Vice President

OWNER:

REDEVELOPMENT COMMISSION FOR
CITY OF WEST LAFAYETTE, INDIANA

Lawrence T. Oates, President

ATTEST:

Stephen B. Curtis, Secretary